APR 2 7 2005

Page 1

TRANS FO	MITTAL RM	Examiner Name  Attorney Docket Number	10/611,447 July 1, 200 David M. G 2822 Ida M. Sow	lda M. Soward			
Total Number of Pages in	This Submission 24	Manuel Docket Millipet	00970.0009-US-01				
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Firm Name	SIGNATURE C	F APPLICANT, ATT	RNEY, OR AG	ENT			
Alter	Law Group, LLC						
Signature		Munth	met &				
Printed name David	H. Carroll	70479441					
Date April	27, 2005	Reg. No. 29,903					
the date shown below:	respondence is being facti	ATE OF TRANSMISS	TO as donne Bad with	n the United States Postal Service with 1 1450, Alexandria, VA 22313-1450 on			
Signature	1	with antel					
Typed or printed name	David H. Carroll			Date April 27, 2005			

This collection of information is required by 57 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, and estimating this completed application form to the USPTO. Time will visity depending upon the individual case. Any comments on the amount of time you requise to complete this form endor suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Committee, P.O. Dox 1450, Alexandria, VA 22313-1450, DO NOT SEND FIEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commits aloner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, cell 1-800-PTO-9199 and select option 2.

Elbedrie on 12/08/2004.  FEE TRANSMITTAL For FY 2005  Applicate claims entail entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT (3) 0  Applicate claims entail entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT (3) 0  APPLICATION  The showe-identified deposit account, the Director is hereby entitled to the form may become public. Credit card information should not be included on this form. Provide credit card information in this form may become public. Credit card information is should not be included on this form. Provide credit card information in this form may become public. Credit card information in this form may become public. Credit card information is should not be included on this form. Provide credit card information in this form may become public. Credit card information is should not be included on this form. Provide credit card information is should not be included on this form. Provide credit card information in the form may become public. Credit card information is should not be included on this form. Provide credit card information in the form may become public. Credit card information is should not be included on this form. Provide credit card information in the form may become public. Credit card information should not be included on this form. Provide credit card information in the form may become public. Credit card information in the included on this form. Provide credit card information in the included on this form. Provide credit card information in the included on this form. Provide credit card information in the included on this form. Provide credit card information in the included on this form. Provide credit card information in the included on this form. Provide credit card information in the included on this form. Provide credit card information in the included on this form. Provide credit card information in the included on this form. Provide credit card information in the included on this form. Provide credit card information in the included on this form. Provide credit c									
FEE TRANSMITTAL For FY 2005  Application Number   10/611,447   Filing Date   July 1, 2003   First Named Inventor   David M. Giorgi   Examinar Name   Inda M. Soward   Art Unit   2822   Attorney Docket No.   00970,0009-US-01    METHOD OF PAYMENT (check all that apply)  Check   Credit Card   Mousey Order   None   Other (please identify):   Deposit Account Depost Account Number_502-1038   Deposit Account Name: Altera Law Group LLC   For the above-identified deposit account, the Director is hereby euthorized to: (check all that apply)    Charge fee(s) indicated below   Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filing fee   Under 37 CFR 1, 16 and 1,17   WARDING: Information on this form may become public. Credit card information and authorization on this form may become public. Credit card information and authorization on this form may become public. Credit card information and authorization on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on the form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on the form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on the Pro-2032.  FEE GALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES   Small Entity   Fee (3)   Fee (3									
For FY 2005    Applicant claims email entity status. See 37 CFR 1.27   Examinar Name   Ida M. Soward									
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At Unit 2822 Alternary Docket No. 00970.0009-US-01  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):  Deposit Account Deposit Account Number.502-1038 Deposit Account Name: Altera Law Group LLC For the above-identified deposit account, the Director is hereby euthorized to: (check all that apply)  Charge law(s) indicated below Charge fee(s) indicated below, except for the filling fee  Charge any additional fee(s) or unkerpayments of tee(s) Credit any overpayments  WARNING: information on this form may become public. Credit card information and authoritation on this form may become public. Credit card information and authoritation on PTO-2018.  FEE GALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES  FILING FEES  SEARCH FEES  SEARCH FEES  SEARCH FEES  Small Entity  Application Type  Fee (3) Fee									
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3. APPLICATION SIZE FEE									
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(a)), the application size fee due is \$250 (\$125 for small entity) for each additional 50									
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CPR 1.16(a)									
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4. OTHER FEE(S)									
Non-English Specification, \$130 fee (no small entity discount)									
Other (e.g., late filing surcharge):									
SUBMITTED BY									
Hame (Print/Type) David H. Carroll Registration No. 29,903 Telaphone (952) 253-4135  Cate April 27, 2005									

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public veloch is to file (and by the USPTO to process) an application. Confidentistity is governed by 33 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathesing, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions from the smooth of the section to the Chief information Officer, U.S. Department of Commence, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signature	aun	N/mi	78/	Registration No. (Attorney/Agent)	20.002	Telepho						
Name (Print/Type)	David H. Ca		<del>27</del>	(Altomay/Agent)	28,803	- D-10 A	ne (952) 253-4135					

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to the (and by the USPTO to process) an application. ConfiderStrip is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Thus will vary depending upon the individual case. Any comments on the amount of time you require to contribute this form endor expositions for reducing this burden, should be sent to the Chief information Officer, U.S. Patient and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patients, P.O. Box 1450, Alexandria, VA 22313-1450.

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APPLICATION SERIAL NO. 10/611,447

PATENT RECEIVED
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APR 2 7 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant**:

Giorgi, et al.

Examiner:

Ida M. Soward

Serial No.:

10/611447

Group Art Unit:

2822

Filed:

July 1, 2003

Docket No.:

00970.0009-US-01

Title:

LIGHT ACTIVATED SEMICONDUCTOR SWITCHES

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING FACSIMILE TRANSMITTED TO THE U.S. PATENT AND TRADEMARK OFFICE, FAX NUMBER (703) 872-9308 ON APRIL 27, 2005.

DAVID H. CARROLL
Name of Person Signing This Certificate

Signature

## RESPONSE TO RESTRICTION REQUIREMENT AND SECOND PRELIMINARY AMENDMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This paper is a Second Preliminary Amendment submitted with a response to the restriction requirement dated March 28, 2005. Amendments to the specification begin on page 2. Amendments to the claims are reflected in the listing of claims that begins of page 3. Remarks begin on page 15 following the listing of claims. There are no amendments to the drawings.

In response to the restriction requirement, applicants hereby elect Species I, claims 1-31 and 89-92, *with traverse*. The examiner is requested to proceed with the examination of claims 41-55 (Species II) and 56-63 (Species IV) along with elected claims 1-31 and 89-92 (Species I) and new claims 95-99 for reasons explained below in the Remarks. Claims 41-55 (Species II), claims 56-63 (Species IV) and claims 64-88 (Species V) are directed to non-elected species, but have not yet been withdrawn in this amendment in view of applicants' traversal of the restriction requirement. Claims 37-38 and 93-94 (Species III) have been canceled since they are directed to a non-elected species and the restriction requirement as to them has not been traversed.